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YOUR GARDEN

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U. S. Department of Agriculture

Waukegan Nurseries

1942

YOUR GARDEN for the DURATION

Of equal importance with the building of armaments is the building of morale. Filled with vegetables, fruits and berries, with flowers, shrubs and trees your garden does just this. For it is a simple truth that the garden refreshes. It renews and strengthens to meet better the solemn task at hand.

In a world at war your garden holds friendly, comforting landmarks. Each of these belongs to its own season; each a part of the rhythm of the years. Evergreens tower with reassuring solidity against the winter landscape. On June mornings rose petals unfold and gently push aside the dew. Hydrangeas, protected from the mid-summer sun, bloom in the shade of oaks. Hawthorns fruit in the autumn haze.

These are fundamentals, — as basic as the principles that forged America, as basic as the freedom for which we fight. War demands a return to fundamentals, to gardens, to simple truth and simple living.

WAUKEGAN NURSERIES INCORPORATED

Established 1848 by Robert Douglas

Green Bay Rd.

Waukegan, Ill.

'Phone Majestic 30

DECORATIVE AND FLOWERING TREES

Whether your garden be large or small there is always a place for flowering trees. They can be grown with equal satisfaction either as individual specimens on the lawn or grouped among the shrubs.

Since few if any of these trees tower to great heights, even in maturity, they are indispensable for creating intimate garden pictures. In the spring, wrapped in a haze of soft bloom, they serve to lift the color of perennial borders to eye level and above. In the fall, hawthorns, mountain ash, and flowering crabapples are brilliant with fruit and doubly effective when combined with red chokeberries, dogwoods and hardy asters.

BIRCH (*Betula*)

Graceful trees that rank high in popularity. White-barked types have long been associated with evergreens.

Betula pendula (European white birch)

A tree of medium growth, white bark and pendulous branches.

6/8 ft. high.....ea.	\$1.00	1 $\frac{1}{2}$ in. stem.....ea.	\$2.50
8/10 ft. high.....ea.	1.50	1 $\frac{1}{2}$ /2 in. stem.....ea.	3.50
2/2 $\frac{1}{2}$ in. stem		ea.	4.00

Betula pendula gracilis (Cutleaf weeping birch)

White bark, finely cut foliage and drooping branches make this unsurpassed as a lawn specimen.

6/8 ft. high .....ea.	\$1.50	1 $\frac{1}{2}$ /2 in. stem .....ea.	\$4.00
8/10 ft. high .....ea.	2.00	2/2 $\frac{1}{2}$ in. stem .....ea.	5.00
1/1 $\frac{1}{2}$ in. stem .....ea.	3.00	3/2/3 in. stem .....ea.	7.00

FLOWERING CRABAPPLE (*Malus*)

For the middle west there is no finer, hardier flowering tree than the crabapple. Many varieties exist, each varying somewhat in shade of bloom and habit of growth. Try pink-flowered types with pale lilac tulips and white arabis.

Malus arnoldiana (Arnold's crabapple)

Develops into a magnificent specimen about fifteen feet high. A hybrid from the Arnold Arboretum. Flowers pink fading white. Fruits yellow in clusters.

Malus atrosanguinea (Carmine crabapple)

Twigs covered in May with brilliant, unfading, carmine blossoms. Fruits red. Wide-spreading branches. Eventual height twenty feet or more.

Malus baccata mandshurica (Siberian crabapple)

This is the fragrant variety of the Siberian crabapple. A round headed tree that grows to thirty feet. Flowers white. Fruits red or yellow.

Malus coronaria (Wild sweet crabapple)

In maturity a stiff-branched, thirty foot tree. Flowers rose fading white and fragrant. A native variety invaluable for naturalistic plantings.

Malus floribunda (Showy crabapple)

Buds pink. Flowers wide open and white. Fruits yellow or red. A wide-spreading tree of medium height, usually about twenty feet.

Malus hopa (Hopa crabapple)

A very attractive variety of strong upright growth, bears a profusion of very large rose-red flowers followed by large red fleshed, edible fruit.

Malus ioensis (Prairie crabapple)

Grows to thirty feet. Wide, spreading branches. Flowers white and pink-tinted. Native to the middle west and in many respects the finest of them all. (Illustrated at the beginning of this section).

Malus ioensis plena (Bechtel's crabapple)

Flowers soft pink; look like roses and smell like violets. Fruits greenish and waxy. Branches horizontal. Height twenty-five feet or more. Double-flowered form of the Prairie crabapple.

3/4 ft. high	each \$1.25	4/5 ft. high	each 1.75
5/6 ft. high			each 2.50



WAUKEGAN

NURSERIES

Waukegan, Illinois.

Malus niedzwetzkyana

(Red-veined crabapple)

A curious variety with red or reddish-purple buds, flowers, fruits, leaves, bark and sap. Twenty-five feet high in maturity.

Malus purpurea aldenhamensis

A small tree bearing partially double, wine-red flowers. Fruits purplish-red. Leaves carry a purple rib.



Bechtel's Crab

Malus purpurea eleyi (Eley's crabapple)

Another of the smaller growing crabapples with wine-red flowers. Fruits purplish-red and cone-shaped. Leaves red when they first appear.

Malus red silver (Red silver crabapple)

A new variety that will evidently become a favorite. Foliage somewhat cut. Leaves of silver and red color. A remarkable combination with rich maroon red fruit.

Malus scheideckeri (Scheideckeri crabapple)

A small upright growing tree, flowers semi-double borne, very freely in upright clusters. Red in bud opening deep pink. Very decorative.

Malus theifera (Tea crabapple)

Unusually free-flowering and fragrant variety. Flowers white or soft pink in clusters. Fruits greenish-yellow marked with red. Height twenty feet. Stiff branched.

Prices for all flowering crabapples with the exception of those for the Bechtel variety are listed below. It will be noticed that trees over six feet in height are dug with a ball of earth and burlapped.

Flowering crabapples (In Bush Form)

3/4 ft. high	each \$1.00
4/5 ft. high	each 1.50
5/6 ft. high	each 2.00
6/7 ft. high B/B	each 5.00
7/8 ft. high B/B	each 8.00

Larger sized specimens for immediate effect are individually priced at the Nurseries.

HAWTHORN (*Crataegus*)

As small specimen trees the hawthorns are unsurpassed. They bloom along with the tulips and really belong in the midwestern garden. Excellent for dense, impenetrable hedges.

***Crataegus oxyacantha* splendens (Paul's Scarlet thorn)**

A variety of English hawthorn. One of the most brilliant when in bloom.

4/5 ft. high B/B ea..... \$2.50 5/6 ft. high B/B ea..... 3.50

***Crataegus cordata* (Washington thorn)**

Native to the east. Round-headed. Reaches a height of twenty-five feet. Fruits red.

5/6 ft. each B/B 3.50

NATIVE CRABAPPLES AND HAWTHORNS

Hawthorns, white-flowered in spring and red-fruited in fall, are superlative as specimens, in groups or hedges. Many, along with some of the flowering crabapples, are native to this region. These we offer in varying sizes for immediate effects. All are balled and burlapped.

4/5 ft. high B/Bea. \$2.50 6/7 ft. high B/Bea. \$5.00

5/6 ft. high B/Bea. 3.50 7/8 ft. high B/Bea. 8.00

Larger sizes individually priced depending upon height and spread.

MOUNTAIN-ASH (*Sorbus*)

***Sorbus americana* (American mountain-ash)**

Noteworthy for its clusters of brilliant red berries in the fall. A medium-sized tree effective as a specimen or when grouped with dwarf sumacs and a ground cover of bittersweet.

5/6' high bushy crown ea. 1.50

Sorbus aucuparia

(European mountain-ash)

The rowan tree of druidic legend. Taller growing than the American variety. Blood-red berries.

5/6 ft. higheach \$1.00

6/7 ft. higheach 1.50

8/10 ft. higheach 2.00

***Sorbus quercifolia* (Oak-leaved mountain-ash)**

A Scandinavian hybrid. In height midway between the American and European types.

6/8 ft. higheach \$1.75

Native Hawthorn



Prunus americana (Wild plum)

A thicket tree adapted to group planting. Approximately twenty feet high. Flowers white.

5/6 ft. high	each \$1.25
6/7 ft. high	each \$1.50

Prunus cerasifera Newport (Purple-leaved plum)

Twenty-five feet high. Pink flowers, purple leaves and wine-red fruits. Try with scillas or grape hyacinths.

3/4 ft. high	each \$.75	5/6 ft. high B/B....ea.	4.50
4/5 ft. high	each 1.00	6/7 ft. high B/B....ea.	6.00

Prunus serotina (Wild black cherry)

The common tree of hedge rows. Flowers white and fragrant.

5/6 ft. high	each \$1.25
6/7 ft. high	each 1.50

Prunus virginiana (Choke cherry)

A shrub form of the above. Seldom over ten feet high.

5/6 ft. high	each \$1.25
6/7 ft. high	each 1.50

REDBUD (*Cercis canadensis*)

A small and graceful native tree. Crimson-pink blossoms cling to the stems before the heart-shaped leaves appear. Give it a moist, well-drained location and the companionship of ferns and hepaticas.

4/5 ft. high	each \$.75	5/6 ft. high	each 1.25
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AMERICAN WHITE ASH (*Fraxinus americana*)

A giant that towers to a hundred feet. Leaves turn to gold in early autumn.

1 1/2/2" stem.....ea.	\$1.50	2 1/2/3" stem.....ea.	\$2.50
2 1/2/3" stem.....ea.	2.00	3 3/1/2" stem.....ea.	3.00

BLACK LOCUST (*Robina pseudo-acacia*)

Reaches a height of seventy feet. Clusters of fragrant blossoms hang from the branches in June. Casts light shade.

8/10 ft. high	ea. \$1.25	1 1/2/2 in. stem	ea. 1.75
1 1/2 in. stem	ea. 1.50	2 2/1/2 in. stem	ea. 2.00

SYCAMORE (*Platanus occidentalis*)

A very desirable tree, quite picturesque; sheds bark similar to white birch.

2 2/1/2" caliper stem	each \$3.50
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Linden

MAPLE (Acer)

Maples rank among our best known and most desirable shade trees. In fall their foliage adds brilliant reds and yellows to garden.

Acer platanoides (Norway maple)

A valuable lawn or shade tree attaining a height of ninety feet and more.

1 1/2 in. stem.....ea.	\$1.50	2 1/2/3 in. stem.....ea.	3.50
1 1/2/2 in. stem.....ea.	2.00	3 3/4 in. stem.....ea.	4.50
2 1/2 in. stem.....ea.	2.50	3 1/2/4 in. stem.....ea.	6.00
4 4/5 in. stem		each	8.50
Pyramidal form—			
4/5 ft. high		each	\$1.25

Acer platanoides globosa (Globe Norway maple)

This is a budded tree grown to form a globe shaped head on 6-7 foot standards; needs no pruning.

3 yr. head	each	\$3.50
4 yr. head	each	4.00

Ulmus pumila (Chinese elm)

Small leaved and fast growing.

8/10" high	ea.	\$1.50
1 1/2/2" stem	ea.	2.00
2/2 1/2" stem	ea.	2.50
2 1/2/3" stem	ea.	3.50
3/3 1/2" stem	ea.	4.50
Bush form—		
6/8" B/B	ea.	2.50
8/10" B/B	ea.	3.50
10/12" B/B	ea.	6.00
12/15" B/B	ea.	10.00

Larger sizes priced at nursery.

GINKGO BILOBA

Probably the oldest tree in cultivation. Specimens found near Chinese temples furnished the parent stock for all trees grown today. Develops into a handsome, round-headed tree over a hundred feet tall. Bears small, fan-shaped leaves. Disease free and smoke resistant.

Trees average 6 to 9 ft. in height	
1 in. caliper stem ....B/B ea.	3.00
1 1/4 - 1 1/2 in. caliper stem ea.	4.00
1 1/2 - 2 in caliper stem ea.	5.50
2 - 2 1/2 in. caliper stem ....ea.	7.00

ELM (Ulmus)

This is the patriarchal tree of New England villages, the street and lawn tree of Illinois.

***Ulmus americana* (American elm)**

Because of its tall, shapely growth and its magnificent vase-shaped head there really is no tree to take the place of the American elm.

***Ulmus americana molini* (Moline elm)**

A variety with a conical-shaped top instead of the usual form. Vigorous grower.

***Ulmus americana urni* (Vase elm)**

This type emphasizes the vase-like top of the species. Majestic as a specimen.

***Ulmus americana* (Lake City elm)**

This type grows similar to the Moline and is equally desirable for quick effects.

All of the above elms are priced as follows:

1½/2 in. stem.....ea.	\$1.50	3/3½ in. stem.....ea.	3.50
2/2½ in. stem.....ea.	2.00	3½/4 in. stem.....ea.	5.00
2½/3 in. stem.....ea.	2.50	4/4½ in. stem.....ea.	7.50
4½/5 in. stem	each		9.00

Larger sizes priced at nursery.

HORSE-CHESTNUT (*Aesculus hippocastanum*)

The storied tree of Paris streets, Introduced into Europe from the Near East in the sixteenth century by the same man who brought the lilac, mock-orange and tulip. Casts dense shade.

6/7 ft. higheach 2.50 7/8 ft. higheach 3.50

LINDEN (*Tilia glabra*)

Native to the middle west, the American linden is of fairly rapid growth and develops into a tall, handsome shade tree. Covered with fragrant flowers in June.

2/2½ in. caliper....ea.	\$3.00	3/3½ in. caliper....ea.	5.00
2½/3 in. caliper....ea.	4.00	3½/4 in. caliper....ea.	7.00
4/4½ in. caliper	each		9.00

Pyramidal form—

5/6 ft. higheach \$1.75

All prices are F. O. B. Nursery

Acer platanoides schwedleri (Schwedler's maple)

Leaves in spring present a medley of glorious purples, scarlets and reds turning during the summer to a deep green. A vigorous grower and a worthwhile tree.

1 1/2 in. stem ....each	\$2.50	1 1/2/2 in. stem ....each	\$3.50
2 1/2 in. stem ....each	4.50	2 1/2/3 in. stem ....each	5.50
3 3/2 in. stem ....each	7.00	3 1/2/4 in. stem ....each	9.00

Acer saccharinum. (Silver maple)

Leaves deeply cut, a cheerful green on top and silvery beneath changing in autumn to a sunny yellow. A rapid grower reaching over eighty feet.

1 1/2 in. stem ....each	\$1.00	2/3 in. stem ....each	\$2.25
1 1/2/2 in. stem ....each	1.25	3 3/2 in. stem ....each	3.00

We also grow the cut leaf Maple and offer at same comparative low prices.

POPLAR (Populus)

Quick-growing trees valuable for fairly immediate effects.

Populus alba pyramidalis (Bolleana poplar)

Of narrow, columnar growth and a good accent plant.

8/10' high	each \$1.00	1 1/2/2" stem	each 1.75
2/2 1/2" stem B/B			each 3.50

Populus nigra italica (Lombardy poplar)

Fast growing but short-lived. Splendid for quick windbreaks and screens.

6/8 ft. high	each \$.40
8/10 ft. high	each .50
10/12 ft. high	each .75

WILLOW (Salix)

The willows are especially valuable early in the season as the leaf buds arrive with the spring.

Salix babylonica (Weeping willow)

Long, drooping branches. Thirty feet high.

Salix niobe (Golden weeping willow)

A suitable tree for many forms of planting.

4/6' high	ea. \$.50	8/10' high	ea. \$1.25
6/8' high	ea. .75	1 1/2" stem	ea. 2.00

Trees of 3 to 6 inch caliper trunk 12 to 25 ft. high priced at nursery

Salix pentandra (Laurel willow)

A desirable type with bright catkins and glossy green leaves.

4/6' high	ea. \$.50	6/8' high	ea. .75
8/10' high			ea. 1.25

Salix incana (Rosemary willow)

An attractive silver leaved shrub resembling Russian Olive in appearance.

4/5 ft. high	each \$.50	doz.....	5.00
5/6 ft. high	each .60	doz.....	6.00

EVERGREENS

From the background to perennial border evergreens play a dominant, permanent role in your garden. White flowers are at their best when grown against a backdrop of upright juniper, arborvitae, hemlock or yew. Grouped at the end of a long axis or planted on property lines and combined with flowering trees, spruce, pine and fir serve to frame either a vista or the garden as a whole.

Junipers and yews, both upright and trailing, together with mugho pines contribute accents of year round green between masses of low shrubs banked against house walls. Yew, hemlock, Douglas fir add shade to shade for they will grow beneath a high canopy of oak leaves. With evergreens the possibilities are many.

You can be assured that all our evergreens are dug with a generous ball of earth and burlapped.

WHITE FIR (*Abies concolor*)

A tall, worthwhile evergreen with graceful branches. Demands a well-drained location and moisture.

3/4 ft. high	each \$4.00	7/8 ft. high	each 12.00
4/5 ft. high	each 5.50	8/9 ft. high	each 15.00
5/6 ft. high	each 7.00	9/10 ft. high	each 20.00
6/7 ft. high	each 9.00	10/12 ft high ea	25.00 to 30.00

DOUGLAS FIR (*Pseudotsuga douglasii*)

A handsome and hardy conical-shaped evergreen effective either as a specimen or in groups. Needleless bluish-green. Reaches a height of two hundred feet in its native state. Tolerates considerable shade. Illustrated on the following page.

2/3 ft. high.....	each \$2.00	7/8 ft. high.....	each 9.50
3/4 ft. high.....	each 2.50	8/9 ft. high.....	each 12.50
4/5 ft. high.....	each 3.50	9/10 ft. high.....	each 15.00
5/6 ft. high.....	each 5.50	10/12 ft high ea	17.50 to 20.00
6/7 ft. high.....	each 7.50	12/15 ft high ea	20.00 to 30.00

JUNIPER (*Juniperus*)

The junipers comprise a large and important group of evergreens. They vary in size and form, from the columnar to the prostrate.

Juniperus chinensis pfitzeriana (Pfitzer juniper)

An unusually hardy and reliable type with spreading, horizontal branches. Forms a low pyramid. Withstands smoke conditions. Useful in foundation or group planting.

15/18 in. spread	each	2.00	3½/4 ft. spread.....	each	5.50
18/24 in. spread	each	2.50	4/4½ ft. spread.....	each	6.50
2/2½ ft. spread.....	each	3.00	4½/5 ft. spread.....	each	7.50
2½/3 ft. spread.....	each	3.50	5/5½ ft. spread.....	each	8.50
3/3½ ft. spread	each	4.50	5½/6 ft. spread.....	each	9.50

Upright form of above

3½—4 ft. higheach 7.50

Juniperus chinensis sargentii (Sargent juniper)

Original plant was introduced into this country from seed collected in Japan in 1892 by Prof. Sargent. A desirable ground cover rich in color.

15/18" spreadeach \$2.00

Juniperus communis depressa plumosa (Andorra juniper)

A wide-spreading variety of low growth that turns a purplish-bronze in winter.

15 to 18 in. spread	each	\$1.50
18 to 24 in. spread	each	2.00
24 to 30 in. spread	each	2.50

Juniperus sabina horizontalis (Bar Harbor juniper)

A prostrate variety found on the coast of Maine. Hardy.

15/18 in spread	each	\$1.50
18/24 in. spread	each	2.00
2/2½ ft. spread	each	3.00

Pfitzer Juniper



Juniperus sabina von ehron (Von Ehron juniper)

Dark green needles on upright, wide-spreading branches.
Rarely over five feet high, the Von Ehron juniper is a handsome,
picturesque dwarf.

15/18 in. spread	each	\$2.00
18/24 in. spread	each	2.50
2 1/2 ft. spread	each	3.00
2 1/2/3 ft. spread	each	3.50
3 3/4 ft. spread	each	4.50

Juniperus scopulorum (Colorado red cedar)

A pyramid up to forty feet high with silvery-green needles.

1 1/2/2 ft. high.....each	\$1.50	3 1/2/4 ft. high.....each	4.50
2 1/2 ft. high.....each	2.00	4 1/4/5 ft. high.....each	5.50
2 1/2/3 ft. high.....each	2.50	4 1/2/5 ft. high.....each	6.50
3 3/4 ft. high.....each	3.50	5/6 ft. high.....each	8.00

Juniperus squamata meyeri (Meyer juniper)

A beautiful deep blue evergreen. Dwarf and irregular in habit
of growth. Excellent in a hedge.

12/15 in.....each	\$2.00	18/24 in.....each	2.75
15/18 in.....each	2.25	2 1/2 ft.....each	3.50
2 1/2/3 ft. ....		.....each	4.00

Juniperus virginiana (Red cedar)

The popular red cedar is compact in growth, pyramidal in
shape, bright green in summer, and bronzy-green in winter. Can
be sheared and makes a good hedge plant. In groups, cedars
form an effective background for tall-growing perennials or
flowering plums.

3/4 ft. high.....each	3.00	6/7 ft. high.....each	6.50
4/5 ft. high.....each	4.00	7/8 ft. high.....each	8.50
5/6 ft. high.....each	5.00	8/9 ft. high.....each	10.00

Juniperus virginiana cannarti (Cannart red cedar)

A compact form of the red cedar. Dark green needles.

3/4 ft. high.....each	\$4.00	5/6 ft. high.....each	6.50
4/5 ft. high.....each	5.00	6/7 ft. high.....each	8.00

Juniperus virginiana glauca (Silver red cedar)

Habit of growth is similar to cannart cedar and is similarly priced.

RETINOSPORA (*Chamaecyparis*)

Ornamental evergreens similar in character to the Arborvitae and yet in many respects quite superior. Given the right location—a sheltered position in moist, well mulched soil—few evergreens are more effective. For the most satisfactory results the Retinospora, or cypress as it is commonly called, should receive an annual shearing.

All Retinosporas are priced as follows:

2/3 ft. high	each \$2.00	4/5 ft. high	each 3.50
3/4 ft. high	each 2.50	5/6 ft. high	each 4.50
6/7 ft. high	each 6.00		

ARBORVITAE (*Thuja*)

An extremely valuable group of evergreens with dense foliage arranged in overlapping, fan-like sprays. Arborvitae are at their best when grown in moist, well-drained soil. Avoid planting against a wall.

Thuja occidentalis (American arborvitae)

Develops into a handsome, spire-like specimen forty feet high. A good evergreen for hedges.

3/4 ft. high	each 1.50
4/5 ft. high	each 2.00
5/6 ft. very heavy	each 4.50
6/7 ft. very heavy	each 6.50
7/8 ft. very heavy	each 7.50
8/9 ft. very heavy	each 9.00
9/10 ft. very heavy	each 12.00
10/12 ft. very heavy	each 15.00 to 17.50

Thuja occidentalis globosa (Globe arborvitae)

Forms a compact ball of green, useful in low plantings.

1½/2 ft. wide.....each \$1.00	2/2½ ft. wide.....each 1.50
2½/3 ft. wide	each 2.50

Thuja occidentalis pyramidalis (Pyramidal arborvitae)

The pyramidal form of the hardy American type that holds its color well in winter. A fine accent plant. Fifteen feet.

2/3 ft. high	each \$1.50	5/6 ft. high	each 4.00
3/4 ft. high	each 2.00	6/7 ft. high	each 6.00
4/5 ft. high	each 3.00	7/8 ft. high	each 7.00

Evergreens, Shade and Fruit Trees and Shrubs personally selected will be tagged and priced at time selection is made.

PINE (*Pinus*)

For bold effects in your garden there are no evergreens to equal the pines. Equally desirable as specimens or in groups.

Pinus mugho (Swiss mountain pine)

Of round shape with irregular branches this is a low-growing evergreen of exceptional character. Unusually hardy. Meritorious as a foundation plant and good for combining with Scotch or Austrian pines.

15/15 in. wide.....each	1.50	24/24 in. wide.....each	2.50
18/18 in. wide.....each	2.00	30/30 in. wide.....each	3.00
36/36 in. wide.....each			3.50

Pinus nigra (Austrian pine)

Long, stiff, dark green needles and wide-spreading branches. Three inch cones. Decorative. Withstands smoke.

2/3 ft. high .....each	\$2.00	4/5 ft. high .....each	3.50
3/4 ft. high .....each	2.50	5/6 ft. high .....each	5.50
6/7 ft. high .....each			7.50

Pinus strobus (White pine)

Long considered king of American conifers. Develops into a venerable specimen. Dignity combined with regal assurance.

4/5 ft. high .....each	\$3.50	6/7 ft. high .....each	7.00
5/6 ft. high .....each	5.50	7/8 ft. high .....each	9.00

Austrian
Pine



Pinus sylvestris (Scotch pine)

Fast-growing for a pine. Good in a windbreak.

3/4 ft. high.....each	\$2.00	7/8 ft. high.....each	7.00
4/5 ft. high.....each	2.50	8/9 ft. high.....each	9.00
5/6 ft. high.....each	4.00	9/10 ft. high.....each	11.00
6/7 ft. high.....each	6.00	10/12 ft. high.....each	13.00

SPRUCE (Picea)

Majestic evergreens with short, flat needles. Good as specimens and highly desirable for inter-planting with firs which they somewhat resemble, or for combining with pines.

Picea abies (Norway spruce)

Perhaps the most widely planted of the tall-growing evergreens. Pyramidal in shape. Dark green needles. Excellent for mass planting.

4/5 ft. high ....each	\$2.50	8/9 ft. high ....each	9.00
5/6 ft. high ....each	3.50	9/10 ft. high ....each	10.00
6/7 ft. high ....each	5.00	10/12 ft. high ....each	12.00
7/8 ft. high ....each	7.00	12/15 ft. high ....each	15.00
		15/18 ft. high .....each	18.00 to 25.00

Picea glauca albertiana (Black Hills spruce)

Hardy and symmetrical. The branches are densely covered with dark-green needles.

2/3 ft. high.....each	\$2.00
3/4 ft. high.....each	2.50
4/5 ft. high.....each	3.50
5/6 ft. high.....each	5.50
6/7 ft. high.....each	7.50
7/8 ft. high.....each	9.50
8/9 ft. high.....each	12.50
9/10 ft. high.....each	15.00
10/12 ft. high....ea.	17.50 to 20.00
12/15 ft. high....ea.	20.00 to 30.00

Picea pungens (Colorado green spruce)

A fine variety with bluish-green needles. Branches in tiers. (Prices the same as those quoted for Black Hills spruce).



Black Hills Spruce



Picea pungens glauca (Colorado blue spruce)

Famous for its steel-blue needles, the Colorado blue spruce is desirable as a specimen where sharp color contrast is wanted.

2/3	ft. high	each	\$3.50
3/4	ft. high	each	5.00
4/5	ft. high	each	7.50
5/6	ft. high	each	9.00
6/7	ft. high	each	12.00
7/8	ft. high	each	15.00
8/9	ft. high	each	17.50
9/10	ft. high	each	20.00
10/12	ft. high	each	25.00
12/15	ft. high	35.00 to	50.00

Picea pungens kosteriana (Koster's blue spruce)

The handsomest and bluest of the spruces, this is one of the world's most renowned evergreens. The growth is symmetrical and the needles a uniform silvery-blue. Discovered in the Rockies, the Koster blue spruce came to American gardens by way of Switzerland and Holland where it was first propagated.

3/4 ft. high ....each	\$ 8.00	8/9 ft. high ....35.00 to 40.00
4/5 ft. high ....each	10.00	9/10 ft. high ....40.00 to 45.00
7/8 ft. high	30.00 to 35.00	10/11 ft. high ....45.00 to 50.00

YEW (Taxus)

Few if any of the evergreens can equal the Japanese yew for low plantings and formal accents. Depending upon variety, these yews are either low and spreading or upright in growth. They hold their rich, black-green color throughout the year. Hardy beyond any question of a doubt they also tolerate smoke and shade.

Taxus Cuspidata

Taxus cuspidata (Spreading yew)

A spreading variety that in time forms an evergreen mass twelve feet across and usually under seven feet high. It can, however, be kept to any desired shape by shearing and for this reason is superb in a hedge. Carries brilliant red berries in the fall like other Japanese yews.

15/18 in. wide.....each	2.25
18/24 in. wide.....each	3.00
24/30 in. wide .....each	4.50
30/36 in. wide.....each	6.00
36/42 in. wide.....each	9.00
42/48 in. wide.....each	11.00
4/4½ ft. ....each	13.00
4½/5 ft. ....each	15.00
5/5½ ft. ....each	17.00



Taxus cuspidata (Upright Yew)

Eventually becomes a spire-like sentinel forty feet high. This is the yew for formal or informal accents, for narrow hedges of medium height, or (left unsheared) for towering screens.

18/24 in. high	each	2.50	3/3½ ft. high.....each	\$6.00
24/30 in. high	each	3.50	3 3½/4 ft. high.....each	7.50
2½/3 ft. high	each	4.50	4/4½ ft. high.....each	9.00
4½/5 ft. high	each			11.00
5/6 ft. high	each			14.00
4½/5 ft. heavy	each			\$13.00
5/5½ ft. heavy	each			14.50
5½/6 ft. heavy	each			16.00
6/6½ ft. heavy	each			18.00

Taxus cuspidata intermedia

A handsome dwarf evergreen of lower and less spreading growth than the regular Japanese yew.

18/24 in. wide	each	4.00	30/36 in. wide	each	7.50
24/30 in. wide	each	5.50	36/42 in. wide	each	12.50
42/48 in. wide					each 15.00

Taxus cuspidata nana (Dwarf yew)

A truly distinguished little evergreen and the finest dwarf it is possible to obtain for your garden. Lower in growth and with less of a spread than any of the prostrate yews the irregular little branches are thickly covered with short black-green needles. Indispensable for foundation planting it can also be used with superb effects in the perennial borders.

8/10 in. wide.....each	1.50	12/15 in. wide ....each	2.50
10/12 in. wide.....each	2.00	15/18 in. wide ....each	3.50

Taxus media hicksii (Hick's yew)

Of real value for formal effects, for narrow hedges, or in the rear of foundation planting Hick's yew is columnar in form, slender and sturdy. The red fruits are particularly conspicuous on this variety.

15/18 in. high ....each	2.00	30/36 in. high ....each	5.00
18/24 in. high ....each	3.00	36/42 in. high ....each	6.00
24/30 in. high ....each	\$4.00	42/48 in. high.....each	7.00

With narrow single leader

3½/4 ft. high.....each	7.00	4½/5 ft. high .....each	9.50
4 4½ ft. high ... each	8.00	5/5½ ft. high.....each	12.00

HEMLOCK (Tsuga)

Tsuga canadensis (Common hemlock)

Unquestionably one of the most aristocratic of all the American evergreens. Give it a well-drained location with plenty of moisture and away from strong, sweeping winds. The hemlock carries feathery needles on graceful branches that sweep the ground. Needles are dark green on top, bluish below. Capable of withstanding hard shearing, the hemlock makes a perfect hedge plant and an appropriate background for regal lilies or white-spired delphiniums. As a specimen it will reach seventy-five or eighty feet.

4/5 ft. high.....each	\$5.50	5/6 ft. high .....each	7.00
6/7 ft. high.....each			9.00

Tsuga caroliniana (Carolina hemlock)

By many considered even finer. Somewhat lower-growing and frequently does better in cultivation.

3/4 ft. high	each	\$4.50
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Tsuga diversifolia (Japanese hemlock)

A fine Asiatic species.

2/2½ ft. high	each	3.50
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SHRUBS

Shrubs form the background for your garden. They give it an air of quiet seclusion and turn it into an intimate outdoor living room carpeted with grass and furnished with bloom. Many are the shrubs from which to choose, from those whose flowers add a wealth of fragrance and color to the spring garden to those whose leaves turn deep yellow, flaming scarlet, warm purple, or wine-red in the fall.

In addition to the varieties most commonly grown there are many others less well known but no more expensive and equally as desirable. Included among these are native types such as the witch-hazels, dogwoods, shadblows and winterberries—shrubs of consistent merit throughout the year.

ACANTHOPanax PENTAPHYLLUM

Five leaf aralia; excellent for screen planting, dark green leaves which remain on stem late in fall.

Desirable for city planting.

3/4 ft. high	each \$.50
4/5 ft. high	each \$.60

BARBERRY (*Berberis*)

Frequently used for hedges the barberries are just as desirable as low shrubs.

Berberis thunbergi (Japanese barberry)

Needs no introduction. Appreciated for its red berries and colorful foliage in the fall.

12/18 in. high	each \$.25	per doz.....	\$ 2.50
18/24 in. high	each .30	per doz.....	3.00
24/30 in. high	each .35	per doz.....	3.50

Berberis thunbergi atropurpurea (Red leaved barberry)

A popular variety with bright red leaves.

12/18 in. high	each \$.35
18/24 in. high	each .40
24/30 in. high	each .50

Berberis thunbergii
pluriflora erecta
(Truehedge columnberry)
(Plant Patent No. 110)

Of compact, upright growth this barberry is unequalled for low hedges or formal effects.

ea.	10	25
18/24"	high .45	3.30 7.00
24/30"	high .55	4.50 9.50
30/36"	high .75	6.00 13.75



Beauty Bush

BEAUTY BUSH (*Kolkwitzia amabilis*)

Arching branches covered with pink, bell-shaped flowers in June. Six feet high.

3/4 ft.	.....	each	\$.60
4/5 ft. specimen plants	.....	each	.75
5/6 ft. specimen plants	.....	each	.90

BUCKTHORN (*Rhamnus*)

Hardy, decorative shrubs valued for their handsome foliage.

***Rhamnus cathartica* (Common buckthorn)**

Grows to eighteen feet. Adapted to hedges or informal plantings. White flowers in June.

3/4 ft. high	each \$.30	.....per doz.....	\$ 3.00
4/5 ft. high	each .35	.....per doz.....	3.50
5/6 ft. high	each .40	.....per doz.....	4.00

Rhamnus dahurica prostrata

A new introduction. Low growing.

2/3 ft. high	each \$.30	.....per doz.....	3.00
3/4 ft. high	each .35	.....per doz.....	3.50

***Rhamnus frangula* (Glossy buckthorn)**

Lustrous green leaves that turn a bright yellow make this the best of the buckthorns. Valuable either in the shrub border or as a specimen.

3/4 ft. high	each \$.35	.....per doz.....	\$ 3.50
4/5 ft. high	each .40	.....per doz.....	4.00
5/6 ft. high	each .45	.....per doz.....	4.50



**Cornus paniculata
(Gray dogwood)**

Gray branches, red stems and white fruits. Sometimes eight feet high but more frequently under six. Unexcelled for naturalistic plantings.

Cornus stolonifera flaviramea (Golden twig dogwood)

Sometimes erroneously catalogued as *Cornus lutea* the golden twig dogwood has exceptional value in winter. Rarely over six feet tall it carries bluish-white berries.

All shrub dogwoods are priced as follows:

3/4 ft. high	each \$.40	.....per doz.....	\$ 4.00
4/5 ft. high	each .45	.....per doz.....	4.50

EUONYMUS

High fall coloring makes this a prized group of shrubs for planting in masses or as specimens.

Euonymus alatus (Winged spindle tree)

Curious cork-like bark and irregular branches give the winged spindle tree a decorative value in the winter landscape especially when silhouetted against the snow. Leaves turn crimson in autumn. Good in groups, alone or in a hedge. Trimming almost unnecessary.

3/4 ft. high heavy	each \$ 1.50
4/5 ft. high heavy	each 2.50
5/6 ft. high heavy B/B	each 4.00
6/7 ft. high heavy B/B	each 5.00

Euonymus alatus compacta (Dwarf winged spindle tree)

A lower and more compact form and, like its taller relative, carries yellow flowers and scarlet berries.

3 to 3 1/2 ft. high	each 2.00
3 1/2 to 4 ft. high	each 2.50

Euonymus americanus (Burning bush)

Greenish-white flowers in June. In September the crimson seed capsules burst and reveal orange-scarlet fruits. Up to eight feet high. Prospers best in a moist location.

4/5 ft. high	each \$.50	5/6 ft. high	each \$.75
6/7 ft. high	each 1.00	7/8 ft. high	each 1.50

Forsythia intermedia

Graceful, arching branches. Unusually pleasing when combined with the fragrant buckthorn.

Forsythia suspensa fortunei (Fortune's forsythia)

An upright form. Bright yellow flowers.

Both varieties are priced as follows:

3/4 ft. high	each \$.30	.....per doz.....	\$3.00
4/5 ft. high	each .40	.....per doz.....	4.00

HONEYSUCKLE (Lonicera)

Honeysuckle bushes have long been planted and are unsurpassed for grouping in the shrub borders.

Lonicera maacki

A tall shrub growing to fifteen feet. White flowers and bright red fruits.

3/4 ft. high	each \$.40	doz.	\$4.00
4/5 ft. high	each .50	doz.	5.00

Lonicera morrowi (Morrow's honeysuckle)

Of less vigorous growth than Lonicera maacki, Morrow's honeysuckle develops into a broad bush seven to eight feet high.

3/4 ft. high	each \$.35	per dozen	3.50
4/5 ft. high	each .40	per dozen	4.00

Lonicera tartarica (Tartarian honeysuckle)

Delicate foliage, pink flowers and scarlet fruits. Ten feet high.

3/4 ft. high	each .35	.....per doz.....	3.50
4/5 ft. high	each .40	.....per doz.....	4.00
5/6 ft. high	each .50	.....per doz.....	5.00
6/7 ft. high specimen		each 1.00	

HYDRANGEA

These hardy, popular shrubs are valued for their mid-summer blooms. They do well in shade—even under maples.

Hydrangea arborescens grandiflora

(Hills of snow)

A low-growing bush, three to five feet high, with large clusters of white flowers.

Hills of Snow



Hydrangea paniculata grandiflora (Peegee hydrangea)

Taller growing. Flowers open white and, later, range through pink to purple.

Hydrangeas are priced as follows:

18/24 in. high	each	\$.40
2/3 ft. high	each	.50
3/4 ft. high	each	.60

JAPANESE QUINCE (Cydonia japonica)

Brick-red flowers in early spring. Irregular and picturesque branches. Makes a good low hedge or an interesting specimen.

2/3 ft. higheach .40 3/4 ft. higheach .50

JETBEAD (Rhodotypos kerriodes)

A small shrub only five feet high, but handsome. White flowers, four-petaled, and two inches across in May.

1½/2 ft. high	each	\$.25
2/2½ ft. high	each	.30

2½/3 ft. higheach \$.35

KERRIA JAPONICA

The old-fashioned kerria, sometimes simply called japonica. Yellow blossoms on slender, yellow-green stems during April and May. Seldom over four feet high.

2½/3' highea. .40 2½/3' highea. \$.50

LILAC (Syringa)

One of the oldest shrubs in American gardens and always invaluable.

Syringa persica (Persian lilac)

Clusters of fragrant, pale lilac flowers on slender, arching stems.

2/3' high	each	\$.35
3/4' high	each	.40
4/5' high	each	.50

Syringa vulgaris (Common lilac)

A sturdy shrub and an old favorite. In two varieties:—one with purple and the other with white blossoms.

2/3 ft. high	each	\$.35
3/4 ft. high	each	.40
4/5 ft. high heavy clumps	each	1.00
5/6 ft. high heavy clumps	each	2.00

FRENCH HYBRID LILACS

These are the finest of the modern lilacs and worthy of a place in your garden. Offered in white, pink, purple, red, lavender and blue.

2/3 ft. high	each	\$.50
3/4 ft. high	each	.85
4/5 ft. high	each	1.25
5/6 ft. high	B/B,	each 3.00
6/7 ft. high	B/B,	each 5.00

MOCK-ORANGE (*Philadelphus*)

Another sweet-scented favorite.

Philadelphus coronarius (Common mock-orange)

In the gardens of colonial America this was known as the "white pipe-tree", and widely planted. Its popularity undiminished, the common mock-orange reaches a height of ten feet or more. Makes a splendid screen.

3/4' high ea.	.35	per doz.	3.50
4/5' high ea.	.40	per doz.	4.00
5/6' high ea.	.50	per doz.	5.00
6/7' high specimen ....ea.	1.00		



Philadelphus Virginal

Philadelphus lemoninei (Lemoine's mock-orange)

A low mock-orange not over six feet high and upright in growth. Exceptionally fragrant blossoms in clusters.

2/3 ft. high	each	\$.30	.....per doz.....	\$3.00
3/4 ft. high	each	.35	.....per doz.....	3.50

Philadelphus virginalis

Semi-double flowers in clusters. One of the best of the mock-oranges.

3/4 ft. high	each	\$.45	.....per doz.....	\$4.50
4/5 ft. high	each	.50	.....per doz.....	5.00

MOUNTAIN CurrANT (*Ribes alpinum*)

Flowers greenish-yellow and fruits scarlet. A shrub of neat habits six feet high. Tolerates shade and can be sheared.

12/18 in. high	each	\$.40	doz.	4.00
18/24 in. high	each	.45	doz.	4.50
24/30 in. high	each	.50	doz.	5.00

NINEBARK (*Physocarpus*)

White-flowered shrubs with light brown, shredded bark. Quick-growing and able to withstand shade. June blooming.

Physocarpus monogynus (Dwarf ninebark)

Native to the middle west. Low growing and adapted to border planting.

18/24"	.....each	\$.35	.....per doz.	\$ 3.50
2/3'	.....each	.40	.....per doz.	4.00
3/4'	.....each	.45	.....per doz.	4.50

Physocarpus opulifolius (Common ninebark)

A taller shrub excellent for screen planting.

3/4 ft. high	each \$.35	per dozen	\$ 3.50
4/5 ft. high	each .40	per dozen	4.00

PEARL BUSH (Exochorda grandiflora racemosa)

A striking and graceful spring flowering shrub.

2/3 ft. high	each \$.35
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PHOTINIA VILLOSA (Redberried Photinia)

Grows to a large shrub. Splendid foliage for color and texture. Profuse scarlet berries in autumn.

3/4 ft. high.....	each .65	4/5 ft. high.....	each .85
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PRIVET (Ligustrum)

Widely used in hedges, some of the privets are even more desirable when left unsheared and employed for mass effects.

Ligustrum amurense (Amur privet)

An erect branched, half evergreen shrub up to fifteen feet high. The best of the privets for hedges in the Chicago area.

1½/2 ft. high	each \$.15	doz.	\$ 1.50
2/3 ft. high	each .20	doz.	2.00
3/4 ft. high	each .25	doz.	2.50

Ligustrum obtusifolium (Ibota privet)

Long and mistakenly listed as Ligustrum ibota, this is a spreading type that reaches eight feet.

2/3 ft. high	each \$.25	doz.	\$ 2.50
3/4 ft. high	each .30	doz.	3.00

Ligustrum obtusifolium regelianum (Regel's privet)

Lower growing than the ibota privet, this variety is effective when massed with evergreens. Spreading, horizontal branches.

18/24 inches high	each \$.30	per dozen	\$ 3.00
24/30 inches high	each .35	per dozen	3.50

ROSE OF SHARON (Hibiscus syriacus)

Valuable for late summer blooms when few other shrubs are in flower. Varieties include white, pink, red, purple, or blue-flowered forms.

3/4 ft. high	each \$.40
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RUSSIAN OLIVE (Elaeagnus angustifolia)

A tall-growing shrub with silvery-gray leaves and branches. Orange berries. Good for massing.

3/4 ft. high.....	each \$.35	4/5 ft. high.....	each .50
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Elaeagnus argentea (Silverberry)

This shrub does not grow as tall as the Russian olive but is very attractive in foliage and berry.

12/18" high	each \$.35	18/24" high	each .45
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SHADBLOW (*Amelanchier canadensis*)

A tall-growing native shrub covered with white blooms in April and May. Makes a handsome specimen.

1/1½ ft. high	each	.30
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SNOWBERRY (*Symporicarpos*)

Low-growing shrubs with interesting fruits. Equally tolerant of full sun or light shade.

Symporicarpos chenaultii

Fine light green leaves and pink fruits. The best of the group and a shrub to be widely planted.

2/3 ft. high	each	\$.35	doz.	.....	\$ 3.50
3/4 ft. high	each	.45	doz.	.....	4.50

***Symporicarpos racemosus* (Common snowberry)**

Waxy white berries that remain through the winter.

2/3 ft. high	each	\$.25	doz.	.....	\$ 2.50
3/4 ft. high	each	.30	doz.	.....	3.00

***Symporicarpos vulgaris* (Indian currant)**

Dull, coral-red fruit.

2/3 ft. high	each	\$.25	doz.	.....	\$ 2.50
3/3½ ft. high	each	.30	doz.	.....	3.00

SPIREA (*Spirea*)

Included among the spireas are some of the most widely planted of the flowering shrubs.

***Spiraea arguta* (Garland spirea)**

A vigorous grower, small light green leaves, free flowering, May.

18/24" high	each	.35	doz.	.....	3.50
2/3 ft. high	each	.45	doz.	.....	4.50

***Spiraea bumalda* Anthony Waterer (Waterer's spirea)**

A dwarf shrub popularly used as an edging or in the front of shrub borders. Bright crimson flowers in late June or July.

12/15 inches high	each	\$.25	per doz.	.....	\$ 2.50
15/18 inches high	each	.30	per doz.	.....	3.00



Mountain Currant

Spiraea bumalda froebeli

Taller growing than Anthony Waterer.	Pink flowers.
2 $\frac{1}{2}$ ft. high .....each \$.30	.....per doz.....\$3.00
2 $\frac{1}{2}$ /3 ft. high .....each .35	.....per doz..... 3.50

Spiraea japonica (Spiraea callosa alba)

Habit of growth similar to Anthony Waterer but has white flowers. Prices same as Anthony Waterer.

Spiraea vanhouttei (Bridal wreath)

Early June flowering and in time for late tulips. Arching branches covered with snowy white blossoms. Good in an informal hedge of medium height or in foundation planting.

3/4 ft. high .....each \$.30	.....per doz.....\$3.00
4/5 ft. high .....each .35	.....per doz..... 3.50
5/6 ft. high .....each .40	.....per doz..... 4.00

SUMAC (Rhus)

Glorious fall coloring. The sumacs are best planted at a distance and are magnificent when grown with evergreens.

Rhus canadensis (Fragrant sumac)

A low, rambling shrub. Leaves aromatic. Orange and scarlet in the fall.

18/24" high	each \$.35
24/30" high	each .45

Rhus typhina (Staghorn sumac)

Sometimes a small tree but more frequently a tall shrub. Forked, velvety branches. Showy, maroon-red fruit.

4/6 ft. high	each \$.50
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URAL FALSE SPIREA (Sorbaria sorbifolia)

Upright clusters of white flowers in late June. Six feet high.

2/3 ft. high .....each \$.35	.....per doz. \$3.50
3/4 ft. high .....each .40	.....per doz. 4.00



Fragrant Viburnum

VIBURNUM

Decidedly one of our most valuable shrub groups. Many are native. All of them are noteworthy for their conspicuous fruits and warm fall colors.

Viburnum americanum (American cranberry bush)

The common name for this shrub is a complete misnomer since it bears no cranberries. A tall, handsome bush. Scarlet fruits in large clusters form in July and persist through most of the winter.

Viburnum carlesi (Fragrant viburnum)

A low-growing shrub for an intimate spot in your garden. Pinkish, clove-scented blooms in late April and May. Fruits blue-black. Conceded to be an aristocrat.

Dug with ball of earth.

18/24 inches high B/B	each \$1.25
24/30 inches high B/B	each 2.00
30/36 inches high B/B	each 2.50

Viburnum dentatum (Arrow-wood)

Conspicuous white flowers in May and June. Fruits blue black. Autumn coloring purple and red. Tall and tolerates shade. A good shrub for an informal hedge.

Viburnum lantana (Wayfaring tree)

Tall and tree like. Wide clusters of white flowers in late June and July. Fruits red, changing to black.

Viburnum molle (Kentucky viburnum)

A mid-western native and exceptionally hardy. Medium height. Clusters of white flowers in May and June. Blue-black fruits.

Viburnum lentago (Nannyberry)

White flowers in May and June. Fruits blue-black. The tallest of the viburnums reaching a height of twenty-five feet.

3/4 ft high	each \$.50
4/5 ft. high	each .75

Viburnum opulus nanum (Dwarf cranberrybush)

Very desirable for edging or facing shrubs. Grows very compact and not over 2 ft. Comparatively new in our locality.

12/15"	each .85
15/18"	each 1.00

Viburnum opulus sterile (Snowball)

The common and widely planted snowball develops into a ten foot shrub. Large round clusters of white flowers in May and June. Give it a sunny location.

Viburnum prunifolium (Blackhaw)

An angular wide-spreading shrub eight to ten feet high. Small leaves that turn a wine-red in the fall. Cadet-blue berries. Grows naturally with tall Junipers.

4/5 ft. high	each \$ 1.00
Except as noted all Viburnums are priced as follows:	
3/4 ft. high	each \$.40
4/5 ft. high specimens	each .75
5/6 ft. high specimens	each 1.00

WEIGELA FLORIDA ROSEA

Profuse bloomer. Rose-colored flowers in June. An attractive eight foot shrub for the border.

3/4 ft. high	each \$.45
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WINTERBERRY (Ilex verticillata)

One of our native hollies, the winterberry prefers a moist, well-drained location. Magnificent combined with cedars or hemlocks. Produces the bright red-berried stems sold at Christmas time.

15/18 in. high	each \$.35
2/3 ft. high	each .60

WITCH-HAZEL (Hamamelis virginiana)

The common witch-hazel reaches a height of fifteen feet or more. Small yellow flowers and dry, luminous leaves in early winter. Splendid as a background shrub or for use in naturalistic plantings.

3/4 ft. high bushy	each \$.75
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Plants Whose Berries Attract Birds

Barberry (all)	Red Cedar
Golden twig Dogwood	Shadblow
Gray Dogwood	Snowberry (all)
Hawthorn (all)	Staghorn Sumac
Honeysuckle Bush (all)	Viburnum (all)
Mountain Ash (all)	Virginia Creeper
Prairie Rose	Winterberry

GROUND COVERS and VINES

Ground covers add the finishing touches to your garden. They can be used under trees where the shade is too deep for grass, between shrubs and lawn, in front of low evergreens. There are many types—some usually considered as vines are even more effective when grown in low, billowy masses. Vines, as such, take but a little space and contribute a wealth of charm.

BITTERSWEET (*Celastrus*)

Vines noteworthy for their handsome leaves and brilliant fruits.

***Celastrus articulatus* (Oriental bittersweet)**

Good for walls or trellises. Orange-yellow fruit.

2 yr. plantseach .30

***Celastrus scandens* (American bittersweet)**

Better adapted as a ground cover than a climbing plant. Effective tumbling over a retaining wall. Prefers poor, somewhat sandy soil. Fruit yellow and crimson.

2 yr. plantseach .30

BOSTON IVY (*Ampelopsis tricuspidata veitchii*)

Small-leaved type. A vigorous grower and rapid climber. Fine fall coloring.

2 yr. plantseach .45

3 yr. plantseach \$.50

CLEMATIS

Included under clematis are flowering vines of great beauty and wide popularity.

Clematis jackmani

Large-flowered with showy purple blooms four inches across. July to October flowering.

Grown in 4" potseach .75

Clematis paniculata

Fragrant white flowers in September and October. Long a favorite and one of the best vines for a doorway or for use as a spreading ground cover.

3 yr. plantseach .40



HONEYSUCKLE (*Lonicera*)

All the honeysuckle vines are adapted for climbing, or for trailing as ground covers.

Lonicera japonica halliana (Hall's Japanese honeysuckle)

The widely planted half-evergreen honeysuckle. White, fragrant blooms.

3 yr. plants each \$.35

Lonicera sempervirens (Trumpet honeysuckle)

Evergreen during a good part of the year. Flowers in clusters. Red or orange outside, yellow inside.

3 yr. plants each .35

MATRIMONY VINE (*Lycium chinense*)

A summer blooming climber with purple flowers. Does best in the shade.

3 yr. plants each .30

MYRTLE (*Vinca minor*)

Creeping evergreen plants with light blue flowers. One of our best ground covers for either sun or shade.

per doz. clumps 1.00 per 100 7.50

PORCELAIN IVY (*Ampelopsis heterophylla*)

Dense and quick-growing. Distinguished for its light blue berries carried during the late summer and fall.

3 yr. plants each .50

SILVER-LACE VINE (*Polygonum auberti*)

Grows to twenty-five feet. Profuse bloomer with fragrant white flowers in August.

3 yr. plants each .50

VIRGINIA CREEPER (*Ampelopsis quinquefolia*)

Native. Indispensable as a fast-growing vine or ground cover. Brilliant autumn foliage.

2 yr. plants each .35

NATIVE ROSES

Rosa blanda—A slender, low shrub with delicate pink blossoms, slightly fragrant. Almost without thorns.

Rosa humilis—The pasture rose. Somewhat lower growing than R. blanda. Together these two are the predominant wild roses of this area.

Rosa lucida—Fragrant, large pink blooms carried on upright stems four feet high. Often known as R. virginiana.

18/24 inch plantseach \$.35

2/3 ft.each .50

Rosa setigera—The Prairie Rose. Native to the middle west. Single pink blossoms, two inches across. Blooms in mid-summer. Striking in the fall when its arching canes are loaded with crimson fruit. Develops into a large spreading mass six to eight feet high.

3 yr. plantseach \$.50 4 yr. plantseach .75

ROSA RUBIGINOSA

This is the famed Eglantine or Sweetbrier rose. The scented leaves recall the aroma of green apples. Flowers are pink and arranged in clusters. Eventual height from four to six feet. Give it a place where it can freely develop for this is a rose that should never be pruned.

3 yr. plantseach \$.50

ROSA RUBRIFOLIA

A most beautiful European rose with single pink blooms and reddish foliage, which is its chief attraction.

3 yr. plantseach \$.50

ROSA RUGOSA

Hardy shrubs with erect, spiny stems that thrive even under seemingly adverse conditions. Single or semi-double flowers. For the hedge or border.

FATHER HUGO'S ROSE (*Rosa hugonis*)

Early and profuse bloomer. Single yellow flowers. Six to eight feet tall.

5 yr. old plantseach \$.75

HARRISON'S YELLOW ROSE (*Rosa foetida harrisoni*)

Derived from the Austrian brier rose, Harrison's yellow has been in cultivation for over a century. A good hedge rose. Semi-double yellow flowers. Over six feet high.

5 yr. old plantseach \$.75



WAUKEGAN NURSERIES

Waukegan, Ill,

Dr. Eckner A blend of copper, yellow and rose. Resembles a hybrid tea. Semi-double and fragrant.

F. J. Grootendorst Small, bright red flowers in clusters. Blooms to frost.

Pink Grootendorst A pink form of the above.

Vanguard Orange-salmon flowers, large and double.

Max Graf—A rugosa hybrid recumbent in form. Single pink blooms and fine foliage. Desirable as a ground cover.

3 yr. plantseach \$.50

4 yr. plantseach \$.75

CLIMBING ROSE

Invaluable in your garden, climbing roses can be used to cover an arbor, trail over a wall, frame a doorway. The following varieties have long been favorites.

American Beauty—Crimson.

Dr. Van Fleet—Flesh pink. Large Flowers.

Dorothy Perkins—Large pink blooms in clusters.

Paul's Scarlet—Bright scarlet.

Silver Moon—White blooms four inches across. Fragrant.

3 yr. planteach .50

4 yr. plantseach .75



Evergreens in a Planting of Mixed Shrubs

Doubloons—(Plant Patent No. 152) A hybrid with Prairie Rose ancestry. Hardy and vigorous. Fragrant, cup-shaped blossoms in clusters recognized as the finest all purpose yellow climbing rose.
Each \$1.00

DOORYARD ROSE

Mabelle Stearns—(Plant Patent No. 297) Blooms from June until frost. A Prairie Rose hybrid and absolutely hardy without protection. Plants eventually form a low mound two feet high and eight feet across. Double, fragrant flowers, peach-blossom pink in color.

Each \$2.00

POLYANTHA ROSES

Betty Prior (Plant Patent No. 340) Resembles a flowering dogwood. Pink above, carmine below. Thirty-six to forty inches high.
Each85

Donald Prior (Plant Patent No. 377) Sturdy and vigorous. Deep red. Thirty to thirty-six inches high.

Each85

Gruss an Aachen—Sometimes listed as a Floribunda. A diminutive bedding rose. Bears light pink blooms flushed salmon continuously from spring until hard frosts arrive. Hardy and needs no winter protection.
Each75

White Aachen—A white form of the above.

Each75

PERPETUAL FLOWERING BUSH ROSE

Sonia—(Plant Patent No. 299) Blossoms are a cheerful cherry-red and produced in profusion from June until frost. A Prairie Rose hybrid and hardy without protection. Bushes approximately two feet wide by two feet high.

Each \$1.25

HYBRID PERPETUAL ROSE

Large, fragrant flowers, vigorous growth and absolute hardiness characterize the hybrid perpetuums. As a class they bloom in June and July and some varieties repeat throughout the summer and fall. Hybrid perpetuums include such well-known favorites as Frau Karl Druschki.

Each50

HYBRID TEA ROSE

Only varieties suitable for the Chicago area are included in our list. A good assortment of colors.

2 yr. old plants each \$.50

Potted Roses each .75

FRUITS and BERRIES

Happily, fruit has returned to the garden. For fruit, like vegetables, make a manor of even the smallest place. To pluck grapes, blackberries or apples fresh from vine, bush or tree that you yourself have raised brings a feeling of self-sufficiency—a distinct sense of well being.

Fruits in your garden also command on ornamental value. Few things are as decorative as an appletree, time-worn and mellow, growing at the end of a path or casting necessary shade on a bed of mint. Soft blooms on cherries, apples, pears and plum are welcomed with the spring.

In addition to the sizes listed below we can supply large, bearing trees for immediate yield and effect.

APPLE—Ten Varieties all hardy and adapted to the Chicago area.

CRABAPPLE—Dolgo, Whitney.

PEAR—Bartlett and Flemish beauty.

PLUM—Abundance, Underwood, Burbank, Wisconsin Prune. Toka, Ember.

CHERRY—Montmorency, Early Richmond, English Morello.

All FRUIT TREES priced as follows:

1 inch stem 5-6 ft. high	each	1.25
1½-1½ inch stem 5-6 ft. high	each	1.75
1½-2 inch stem 6-7 ft. high	each	2.50
2-2½ inch stem 7-9 ft. high	each	3.50
2½-3 inch stem 7-9 ft. high	each	4.50

Larger trees priced at nursery.

PEACH

We now offer a Peach tree that should survive our climate for it grows in northern Michigan.

Marquette, 7/16 inch stem each 1.00

Polly 11/16 inch stem each 1.25

each per 10

BLACKBERRY—Eldorado 10 .80

CURRENT—Cherry 20 1.50

GOOSEBERRY—Downing 25 2.00

RASPBERRY—Cumberland and Latham 10 .80

GRAPES

Concord, Delaware and Niagra 15 1.25

RHUBARB

Victoria 12 1.00

STRAWBERRIES

Mastadon everbearing per 1.00 1.50

ASPARAGUS

Martha Washington per 100 1.50

GARDEN SUPPLIES

Among the items listed below you will find high grade lawn seeds, fertilizers and sprays, as well as other things to assist you with your gardening.

LAWN SEED — DOUGLAS BRAND

A lawn seed mixture of our own blending. Contains choice Kentucky blue, red top and other fine grass seeds. Produces a deep, healthy turf.

Per lb. \$.40.....3 lbs. \$1.15.....5 lbs. \$1.85.....10 lbs. \$3.50

WAUKEGAN BRAND

A companion mixture for shady areas.

Per lb. \$.50.....3 lbs. \$1.40.....5 lbs. \$2.25.....10 lbs. \$4.25

FARM SOIL

High grade top soil from our farms. In cubic yard or truck load lots. Price depends upon length and time of delivery.

COW MANURE

From our own barns. Provides the organic matter which many garden soils require.

Per bag of approx. 2 bushels \$.50

Also sold by the yard or load; price is governed by delivery distance.

PEAT MOSS

Moisture-retaining humus. Improves heavy or sandy soils. A splendid mulch for shrubs and trees both in summer and winter.

per bale \$4.50 per ½ bale \$2.50

DRICONURE IMPROVED

A combination of Peat Moss and specially prepared manure serving a twofold purpose most beneficial to your garden.

50 lb. bag \$2.00

SHEEP MANURE

Dehydrated. Weedless. A concentrated organic fertilizer.

Per 100 lb. bag \$2.50

LIMESTONE PULVERIZED This neutralizes soil acidity and improves texture furnishing nitrogen and other plant food stimulating bacterial action. 100 lb. bag \$1.50

NITRATE OF SODA One of the cheapest forms to supply nitrogen to plants. Do not let nitrate touch green growth as it will burn; use proportionately one ounce to 2 gal. water.

5 lb. bag \$.35

25 lb. bag \$1.25

BONEMEAL

An old standby. Slow acting but effective.

25 lb. bag 1.25 50 lb. bag 2.25 100 lb. bag 3.75

VIGORO

A balanced commercial fertilizer containing eleven plant food elements.

5 lb. package .....	.45	10 lb. package .....	.85
25 lb. bag	1.50	50 lb. bag	2.50
100 lb. bag	4.00		

Wilson Special LAWN & GARDEN Fertilizer

100 lb. bag	each	3.50
50 lb. bag	each	2.10
25 lb. bag	each	1.15

HARDWOOD ASHES Contains all fertilizer elements except nitrogen, is rich in potash, very good for lawns.

10 lb. bag....	.50	25 lb. bag....	1.00	50 lb. bag....	1.65
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ARSENATE OF LEAD

In dry form for either dusting or spraying. Provides economical, effective control for chewing insects.

1 lb carton	\$.35
3 lb. carton .....	.75
4 lb. carton .....	.90

Special price on larger quantities

SULFORON A micro-fine wettable sulfur. Has many advantages over ordinary sulfur. Can be used as a dust or spray with good results.

6 lb. bag	\$.55	50 lb. bag	4.00
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BORDEAUX MIXTURE effective in the control of black spot, mildew, leaf spot etc.

1 lb. carton	\$.35	4 lb. carton90
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C. P. O. INSECTICIDE SOAP SPREADER

Non-poisonous—odorless:

An inexpensive satisfactory spray for use in all weather to rid your bushes, trees and evergreens of pests and insects.

Formula in using C.P.O.: 1 pt. to approx. 10 gal. of water with Black leaf 40 or Pyrote as directed.

per gal.	\$2.25	per qt.65c	per pint40c
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ROSE FOOD

A special fertilizer prepared for rose growers to assure excellent foliage and bloom.

5 lb. package .....	.60
10 lb. package	1.05
25 lb. package	2.25

HERBICIDE a powerful but economical chemical to destroy unsightly weed growth on paths tennis courts etc. One gallon diluted with 50 gallons of water covers approx. 1000 sq. ft. surface. Kills poison ivy and other noxious forms of vegetation.

qt. cans	\$.50	gal cans	1.50
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Marvel Dust Shake Marvel Dust

on ground at base of trees, shrubs, evergreens, flower beds to keep dogs and cats away. A harmless powder ready for use.

package	\$.15
6 oz. carton .....	.50

ANTI DOG SPRAY

Safe harmless plant spray that will keep dogs away from evergreens and other plants.

1/2 pint bottle	each .30
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PLANT SPRAY

Phenolated Liquid Pyrethrum excellent control method in spraying flowers, shrubs and vegetables.

1/2 pint bottle	each .30
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CRABGRASS ERADICATOR

A non-inflammable, non-poisonous chemical for practical control of weeds in your lawn.

5 lb. package .....	.70
10 lb. package	1.15
25 lb. package	2.50

SA-VA-TREE

An elastic compound for the protection of tree wounds caused by pruning. It will not crack, peel or flake; guards against weather, insects and fungi.

1 quart can at	\$.60	1 gal. can at	\$1.75
5 gal. pail	8.50	30 gal. drum	\$1.60 per gal.

C. C. C. SPRAY PUMP

Compact. Modern. Convenient. Stored in a space less than two inches wide. For insecticides, white wash or disinfectants.

Complete (without pail)	\$6.85
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HAND SPRAYERS

Small hand compressed air sprayer. Two way nozzle. Seamless brass pump, solid copper tank. Continuous fog-like spray.

No. 14P pint size each	\$1.25
No. 14G quart size each	1.75
No. 41TQ 2 quart size each	2.50

Also have a good supply of open top Sprayers

